

# RPC ECOGas@GIF++ Collaboration

Shift Report -> 25.03 - 01.04

Ştefania A. Juks & Mattia Verzeroli on behalf of EP-DT

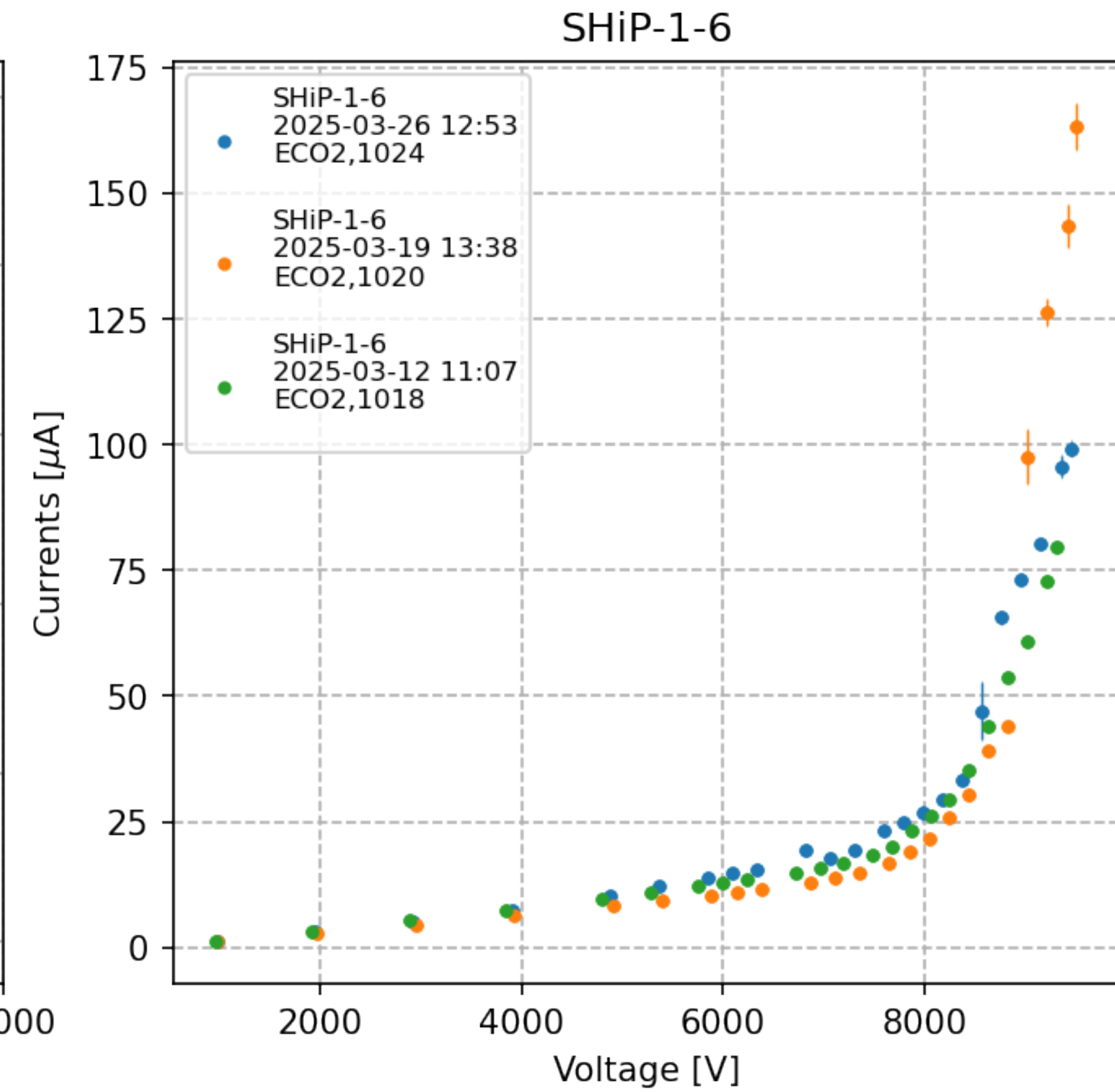
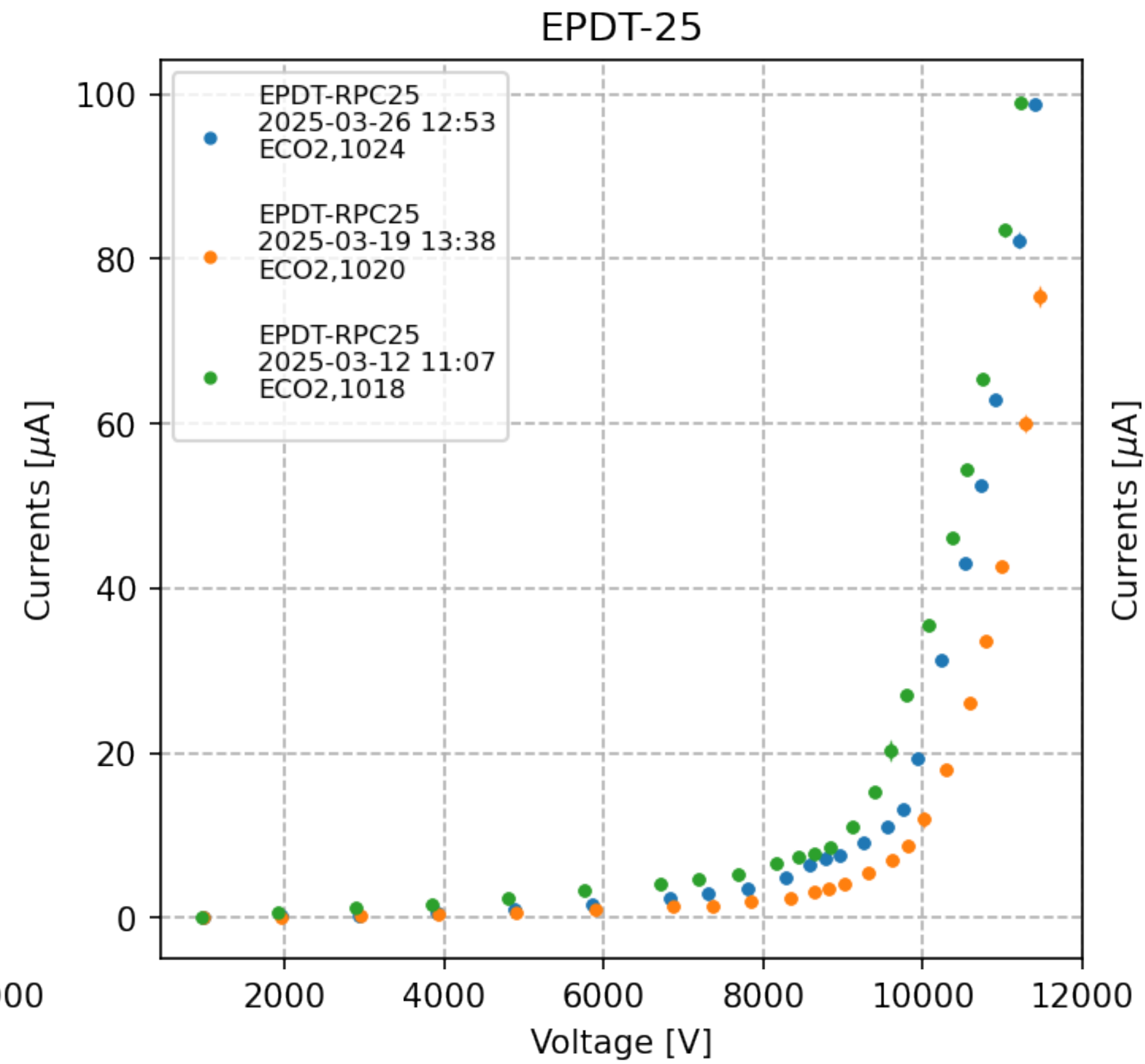
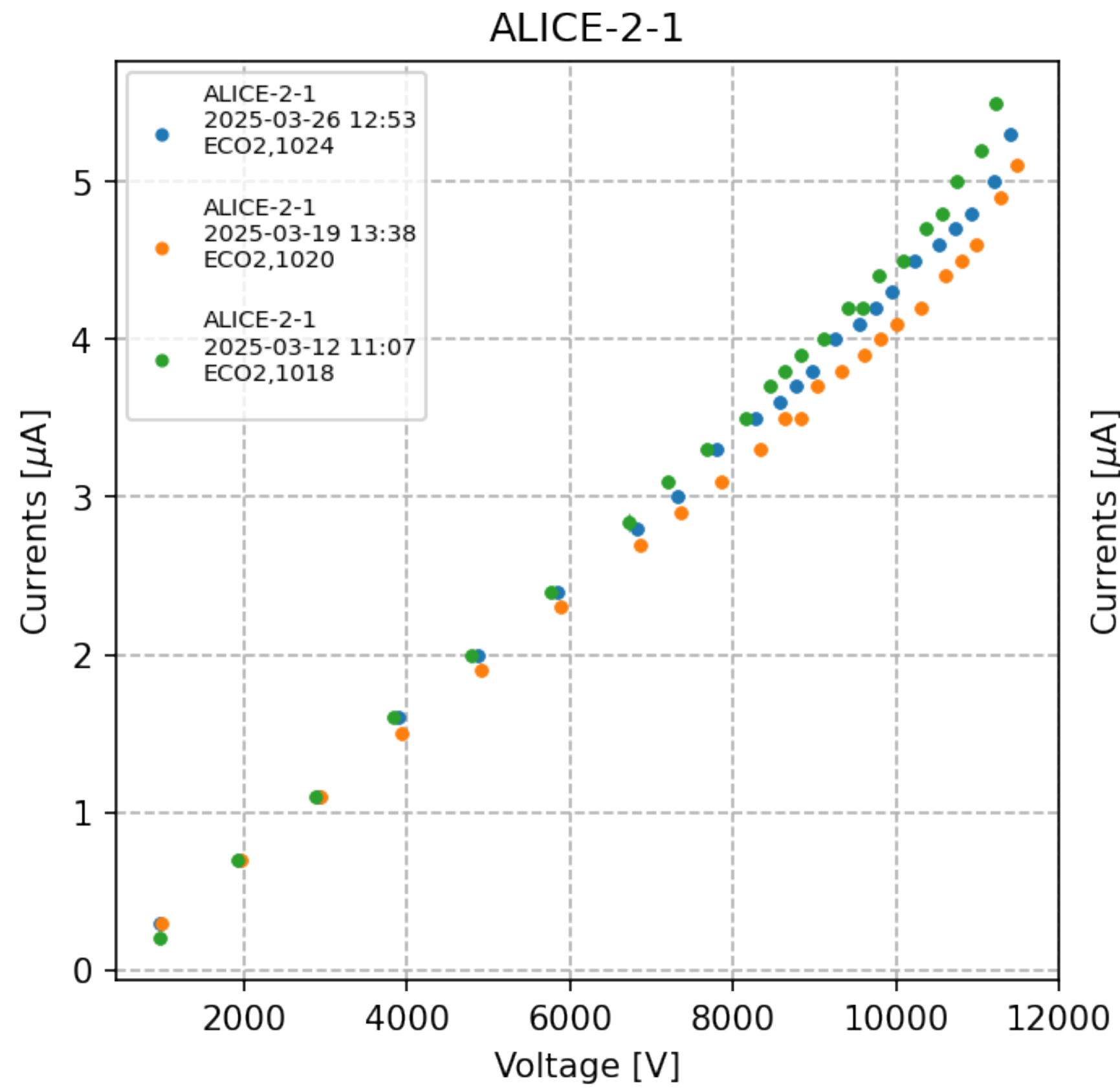


EP-DT  
Detector Technologies

# HV Scan - Alice, EP-DT & SHiP

Source Off

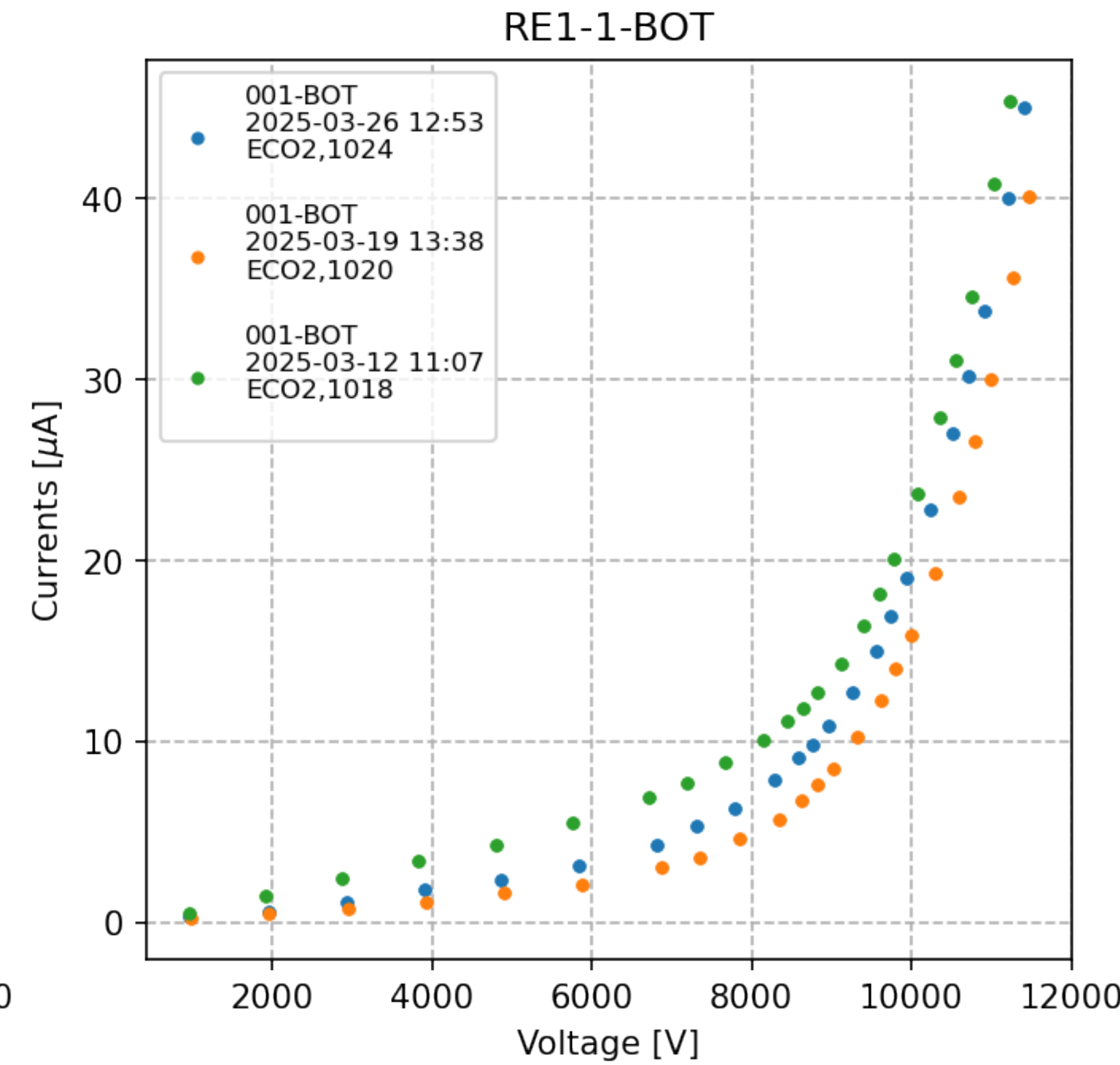
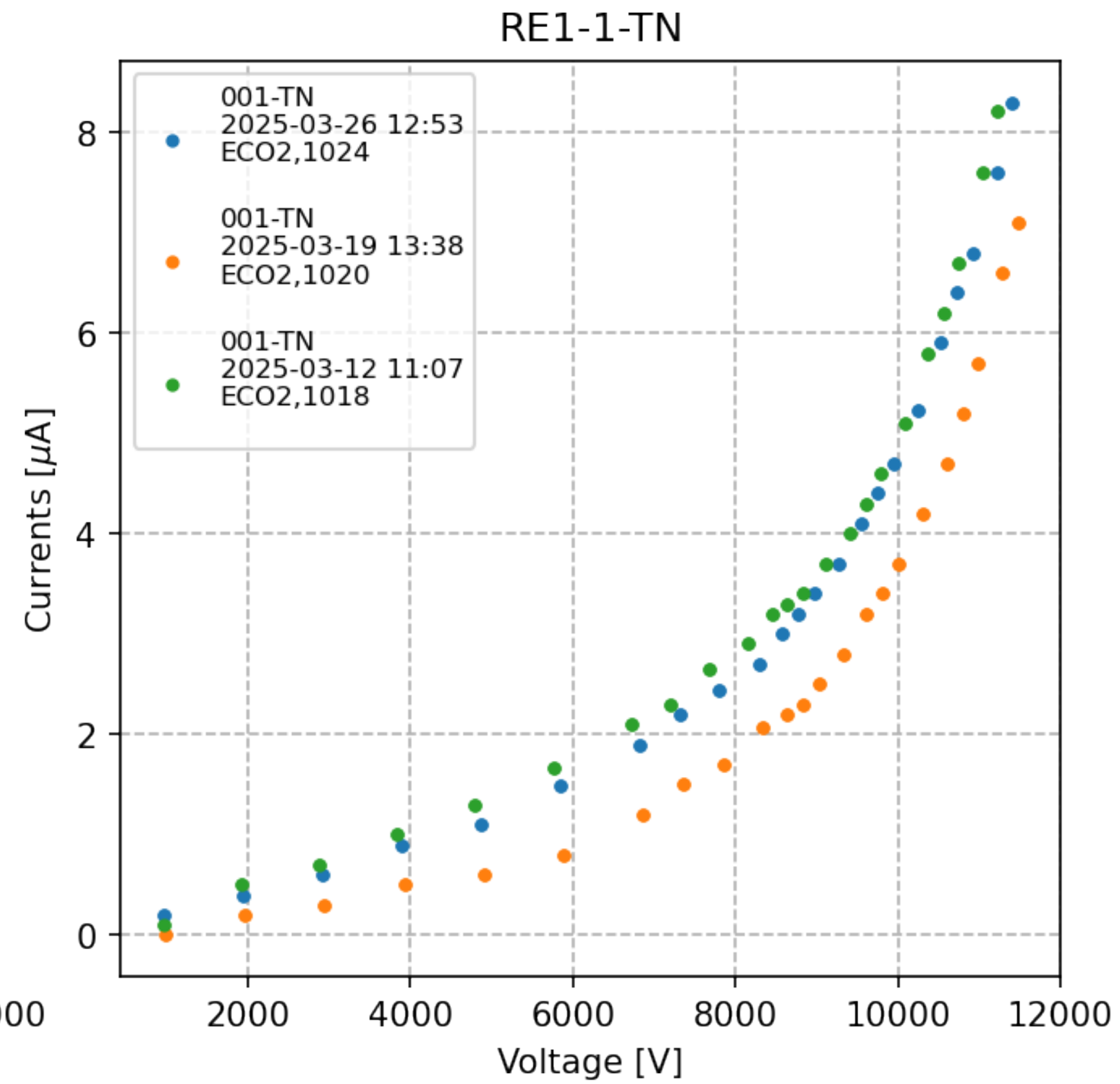
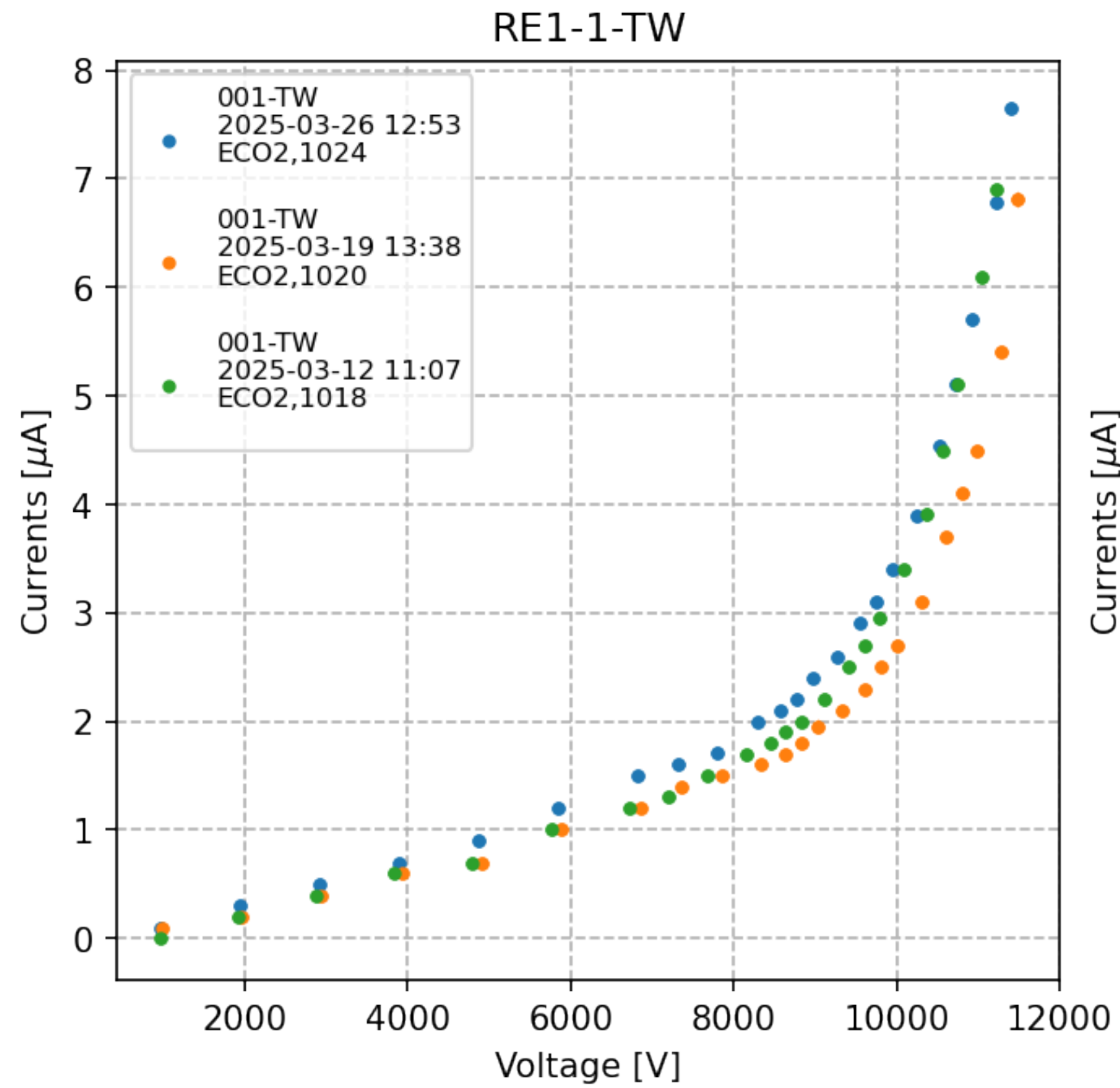
- Currents higher the previous week, but lower than the week before for all detectors.



# HV Scan - RE1-1

## Source Off

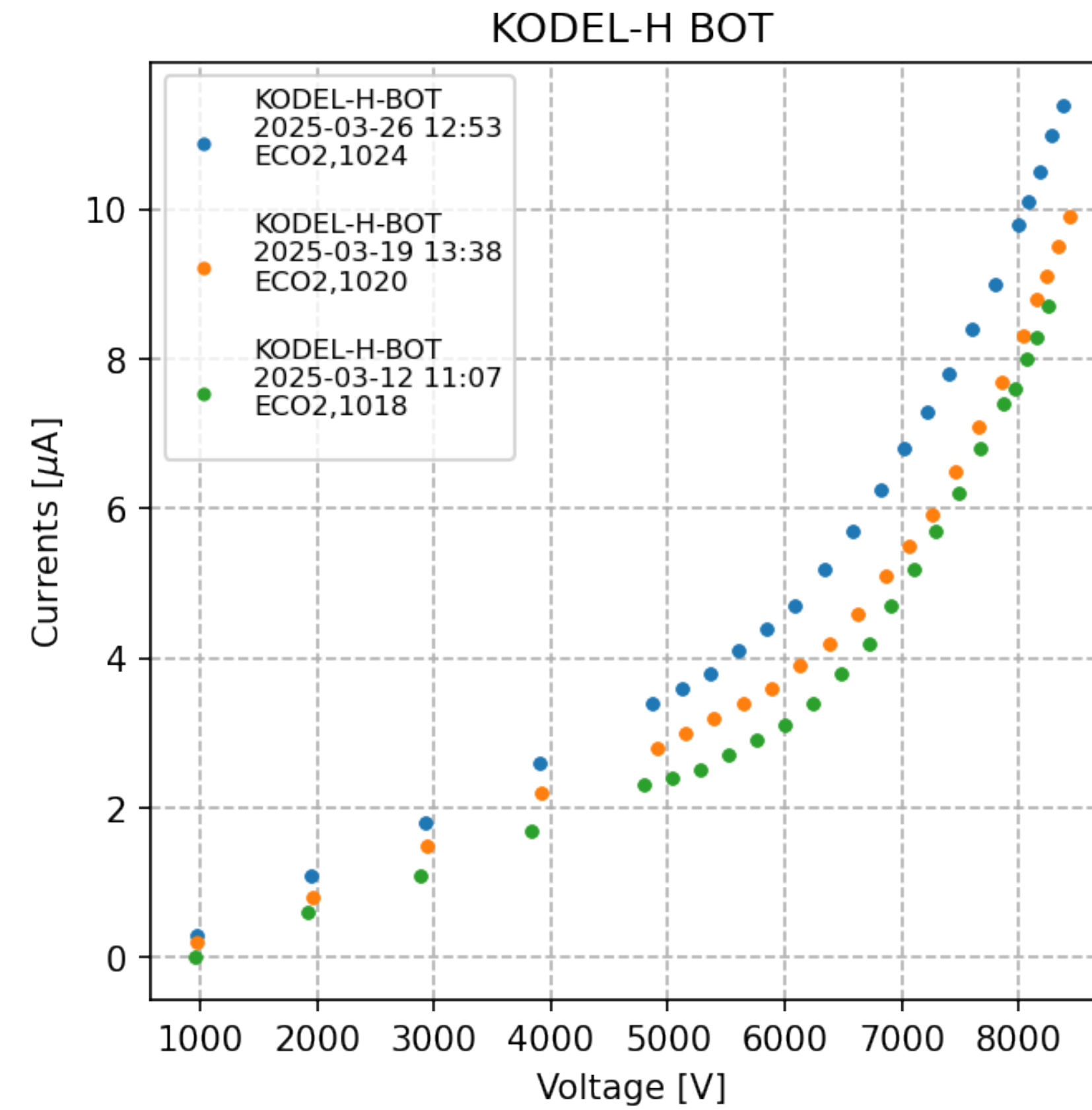
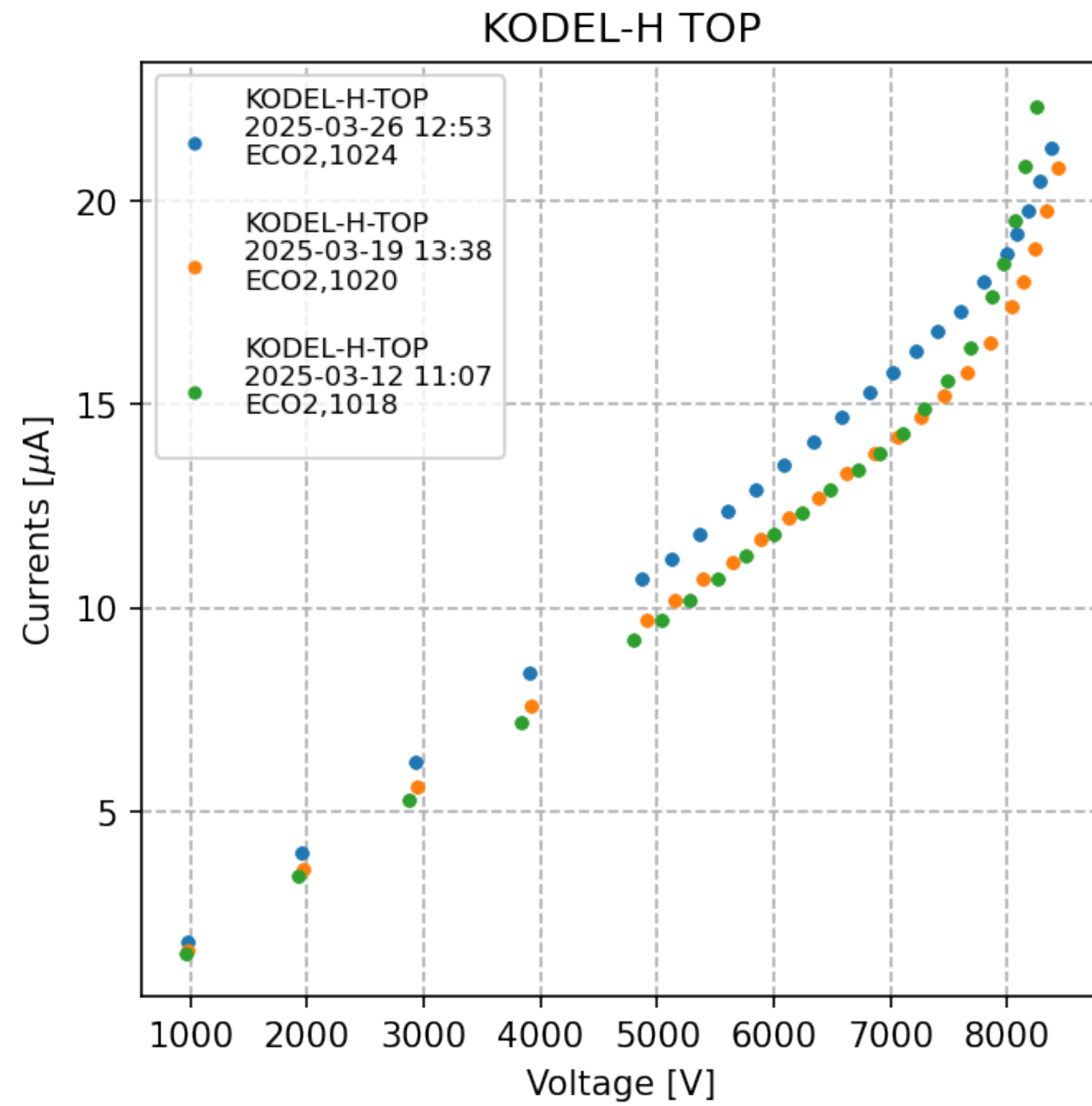
- Currents higher the previous week, but lower than the week before except for RE1-1-TW



# HV Scan - KODEL-H

Source Off

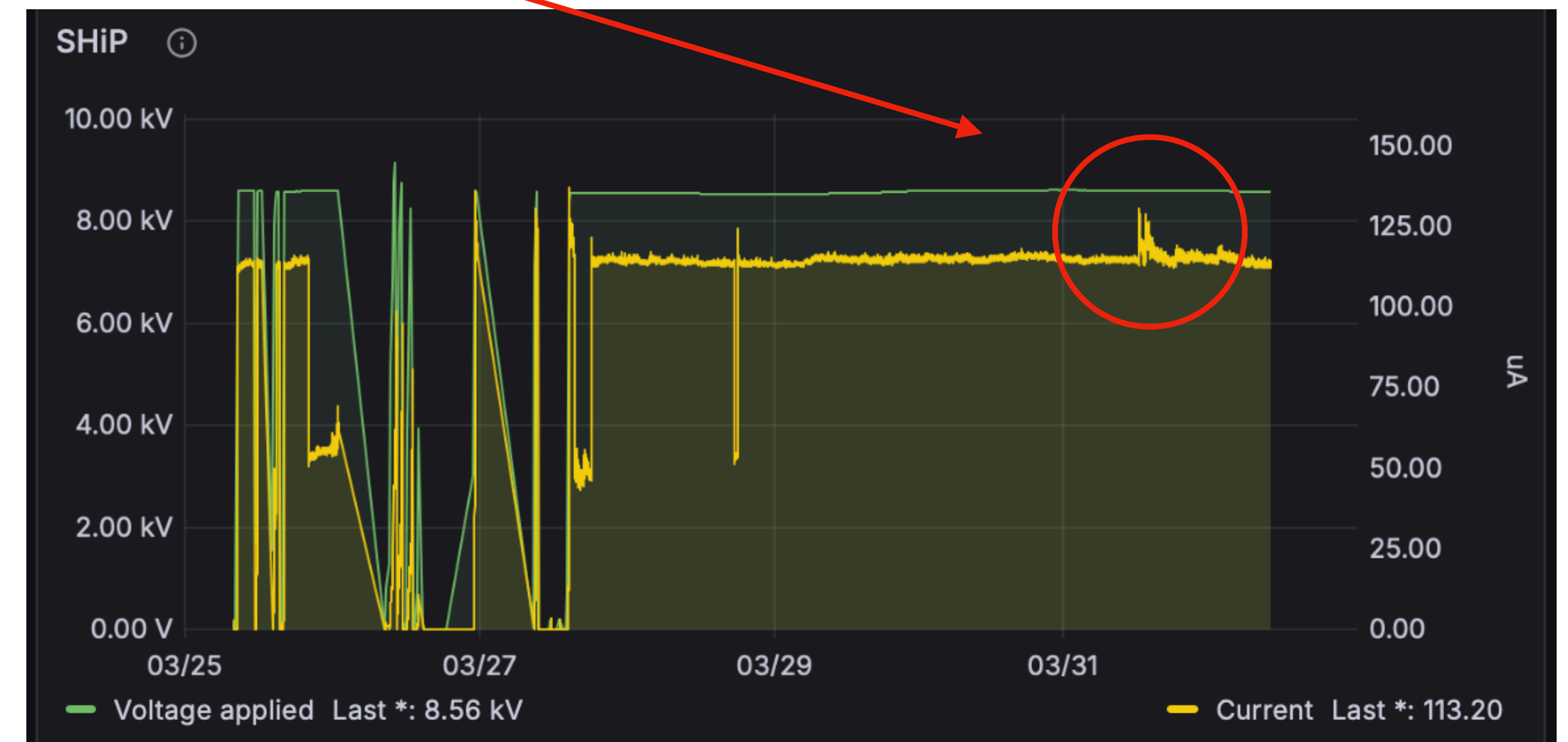
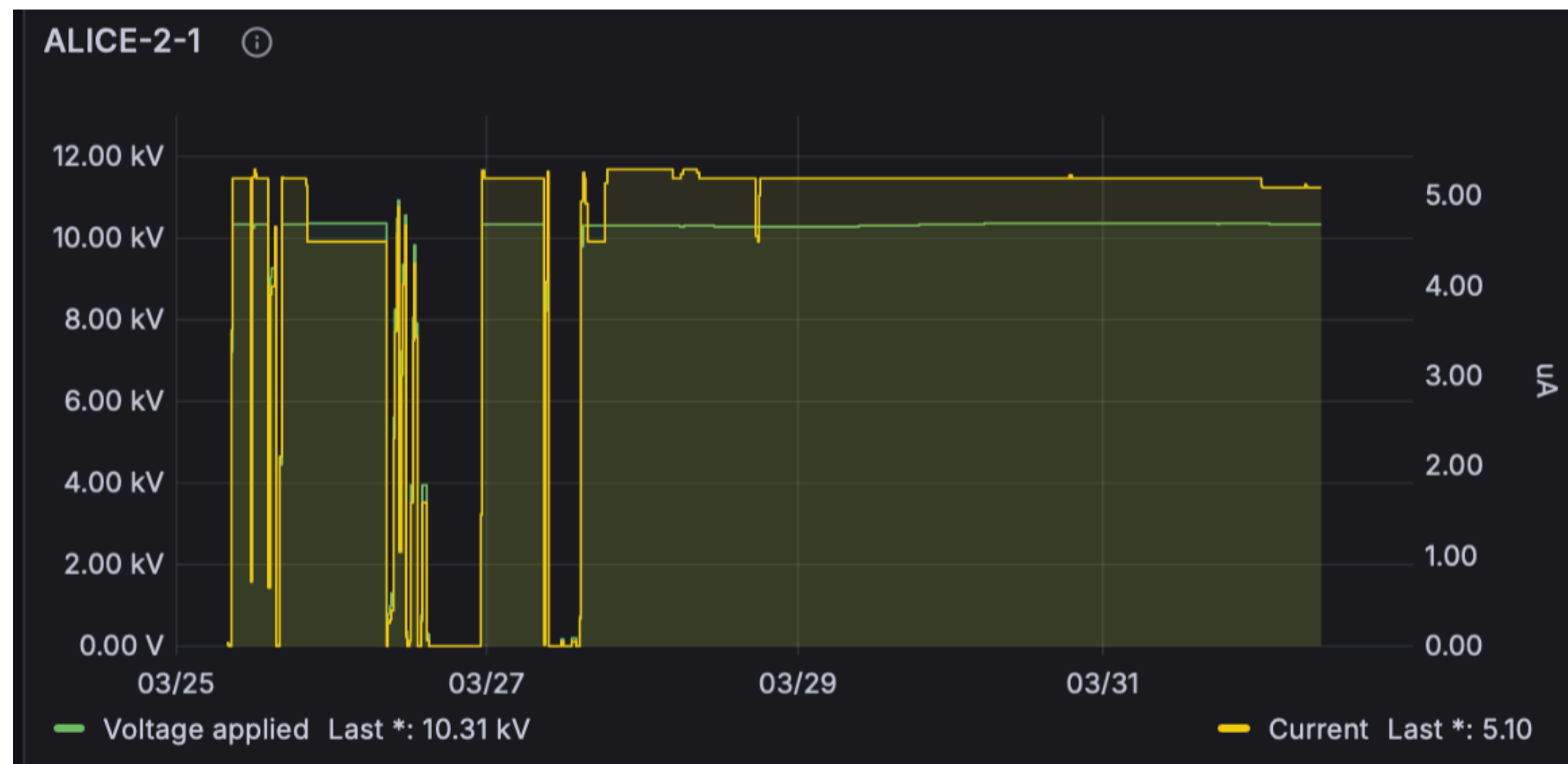
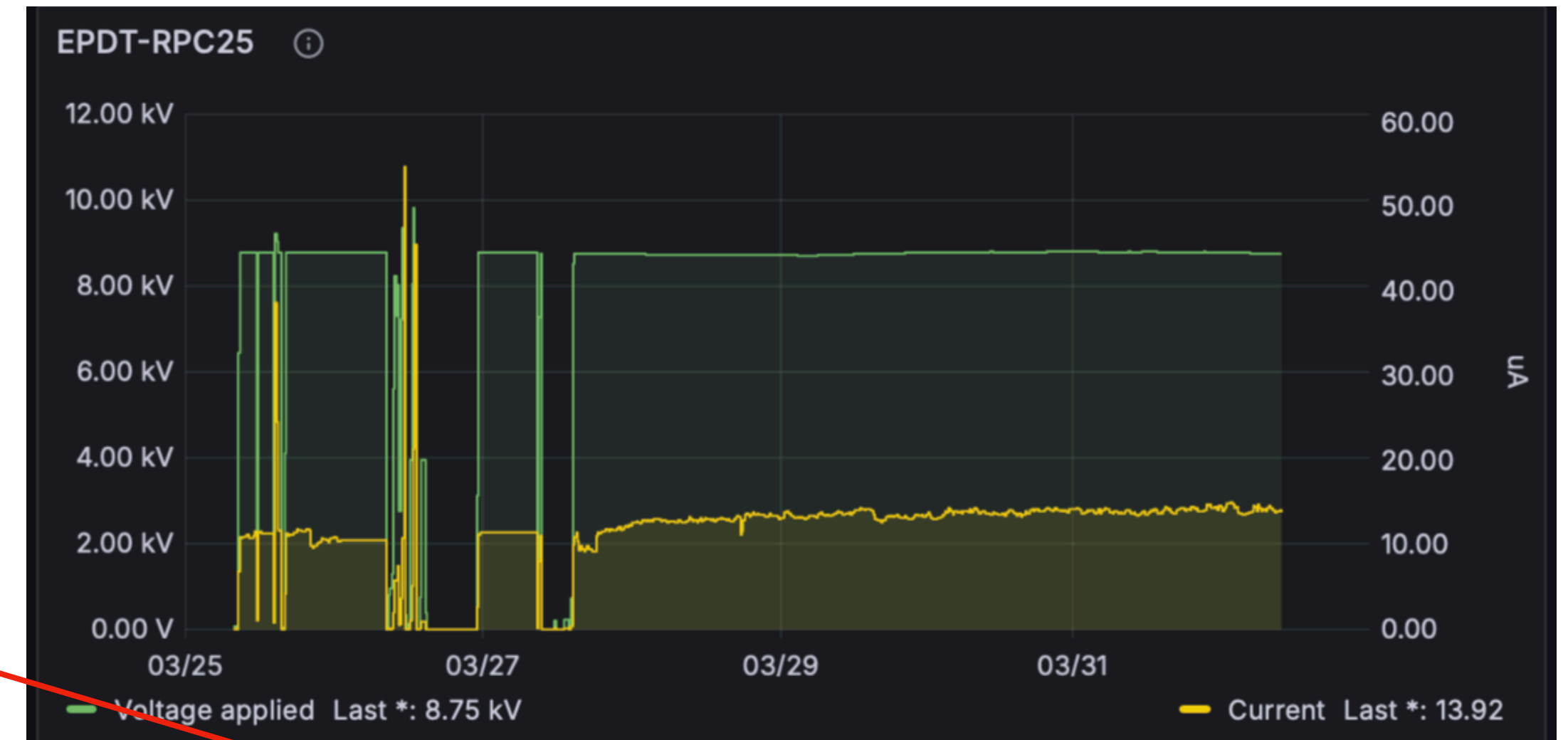
- Currents higher the previous weeks for KODEL-H.



# Currents Behaviour

## Alice, EP-DT & SHiP

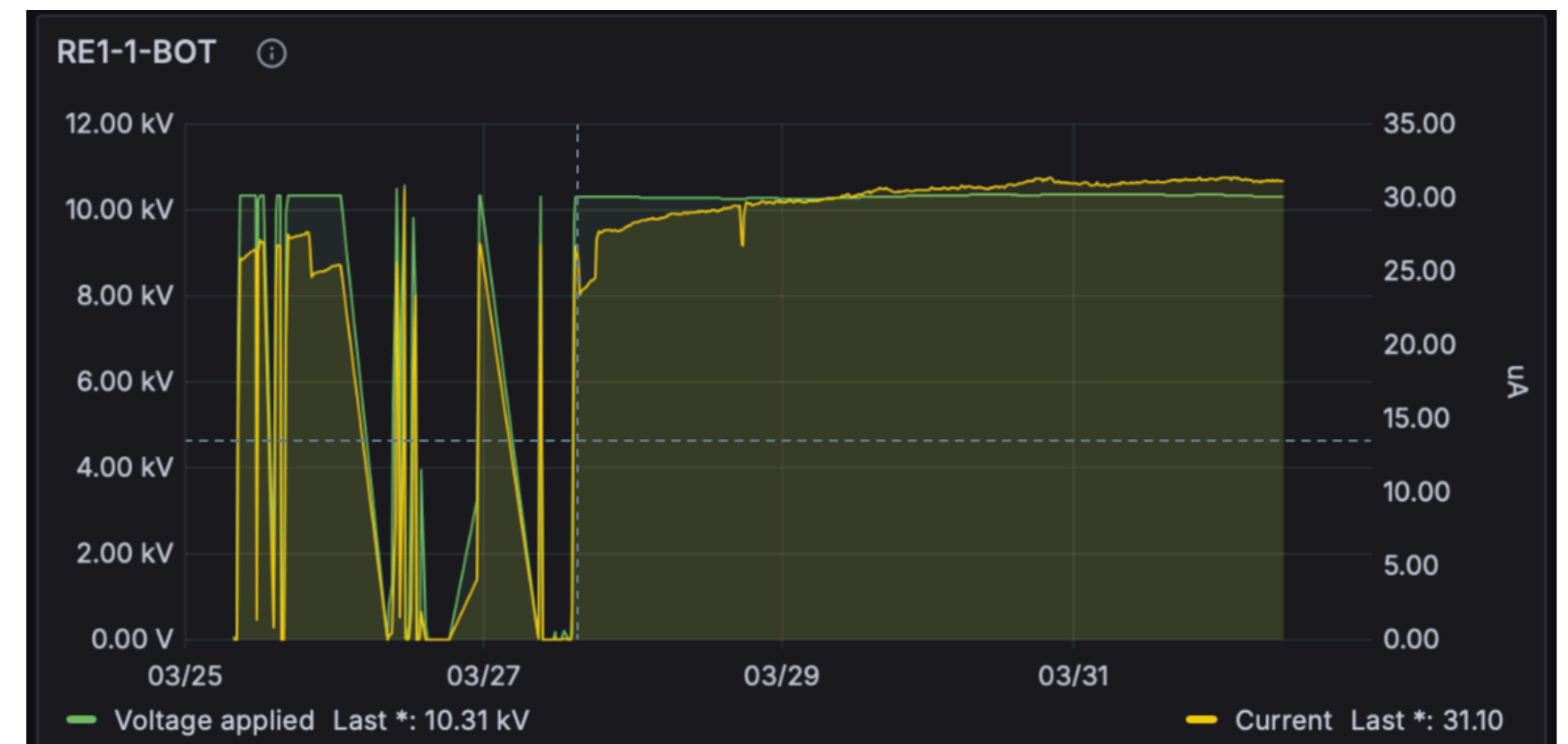
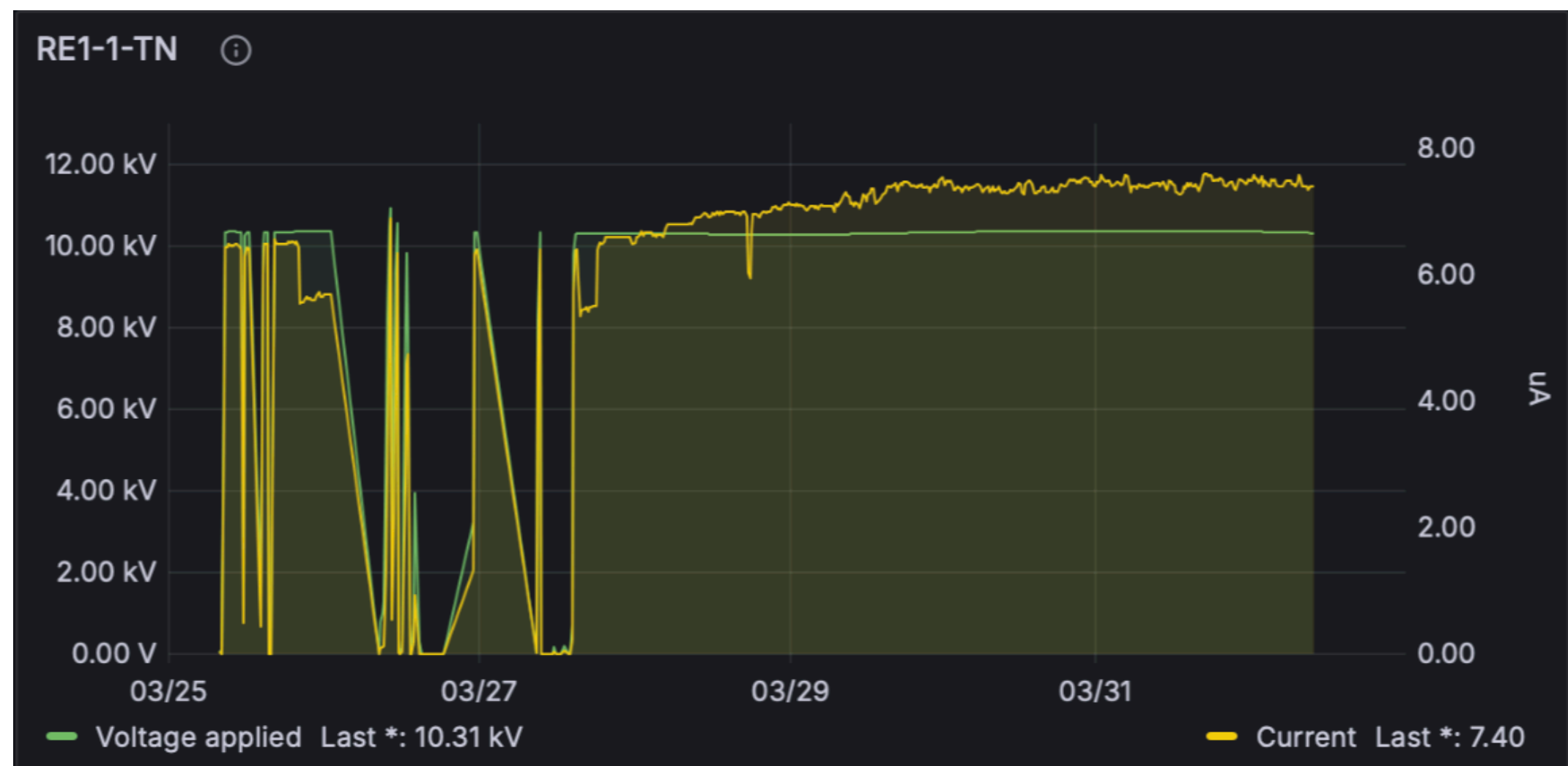
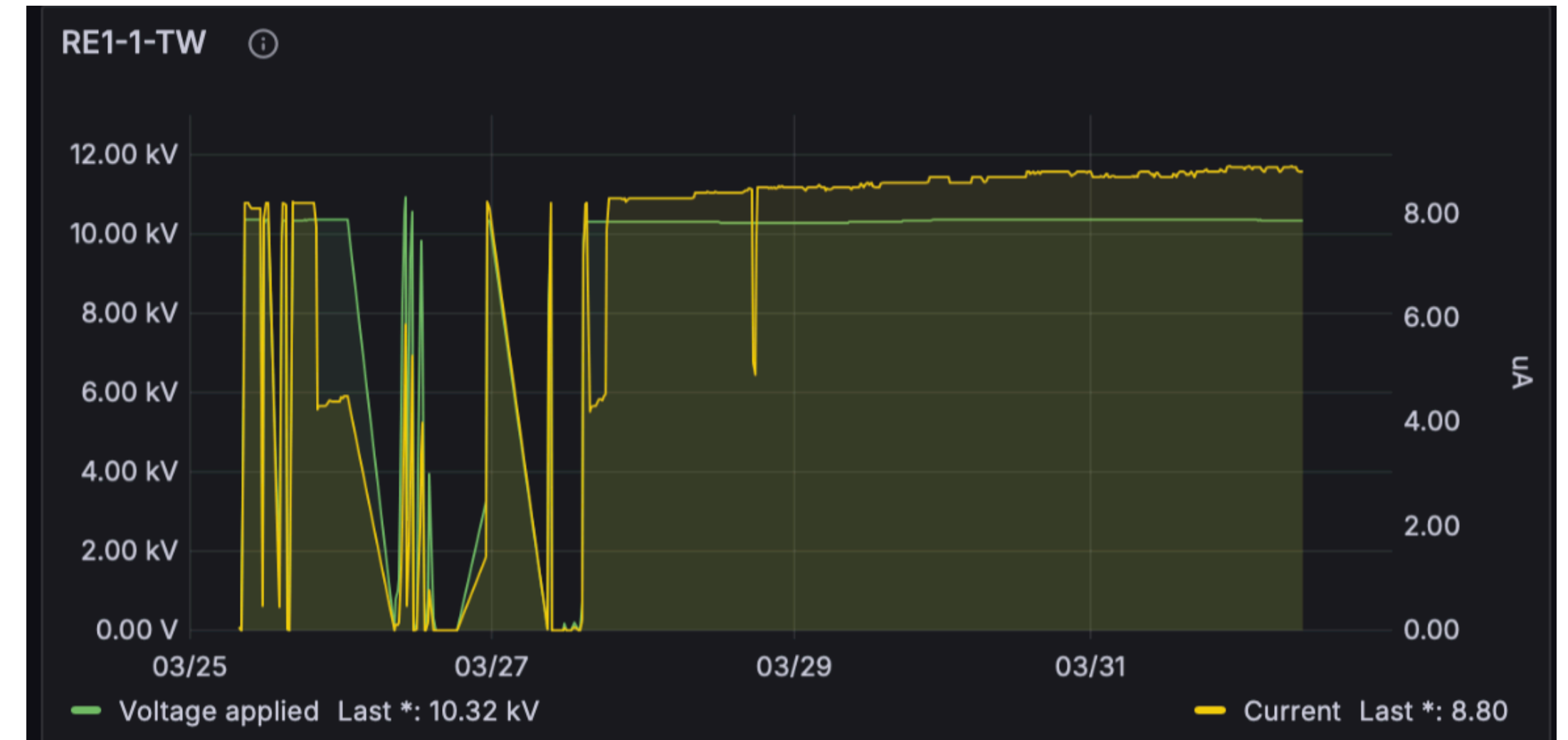
- Alice - stable
- EP-DT - small increase in currents (~20%)
- Spikes in SHiP chamber 31.03 after 12:00



# Currents Behaviour

## RE1-1

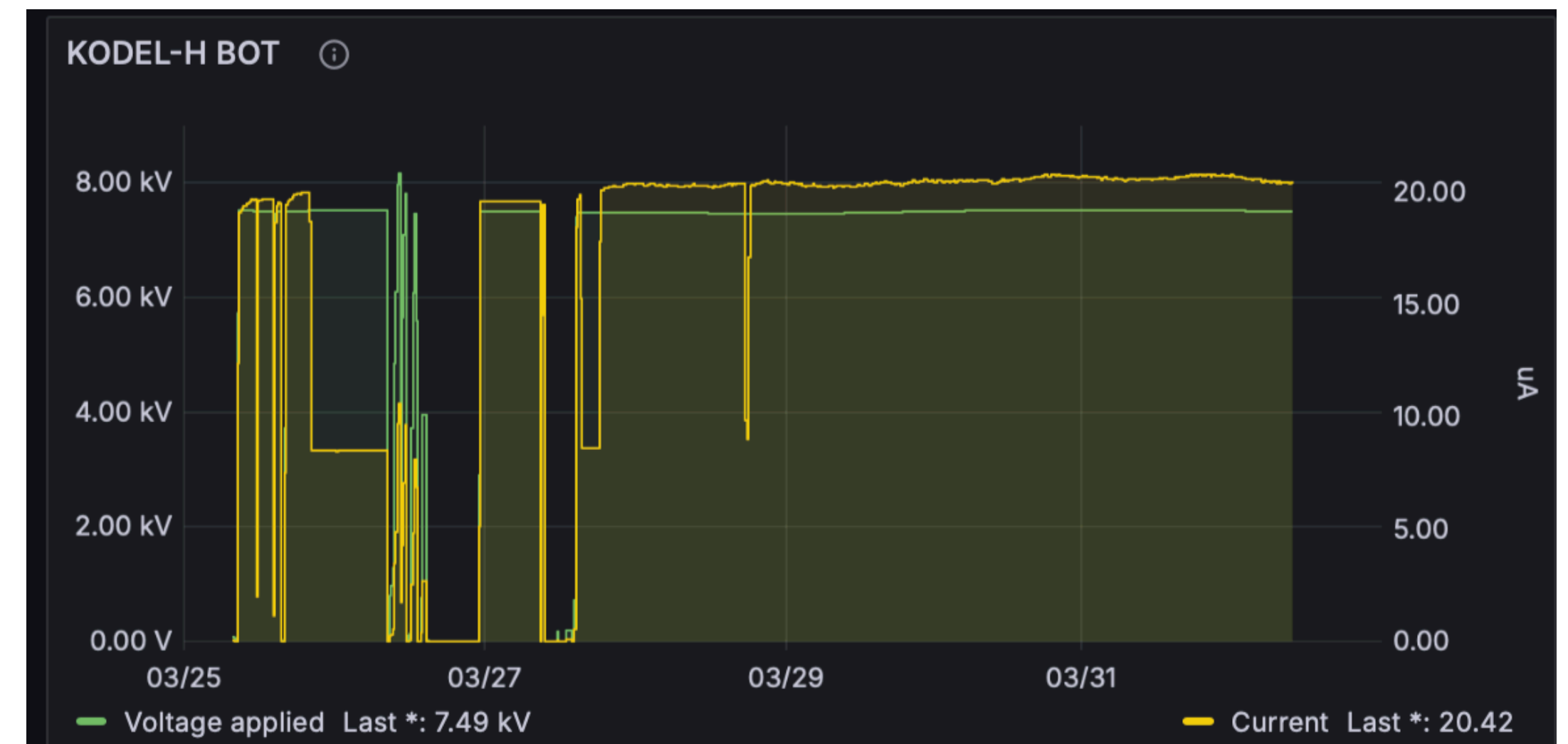
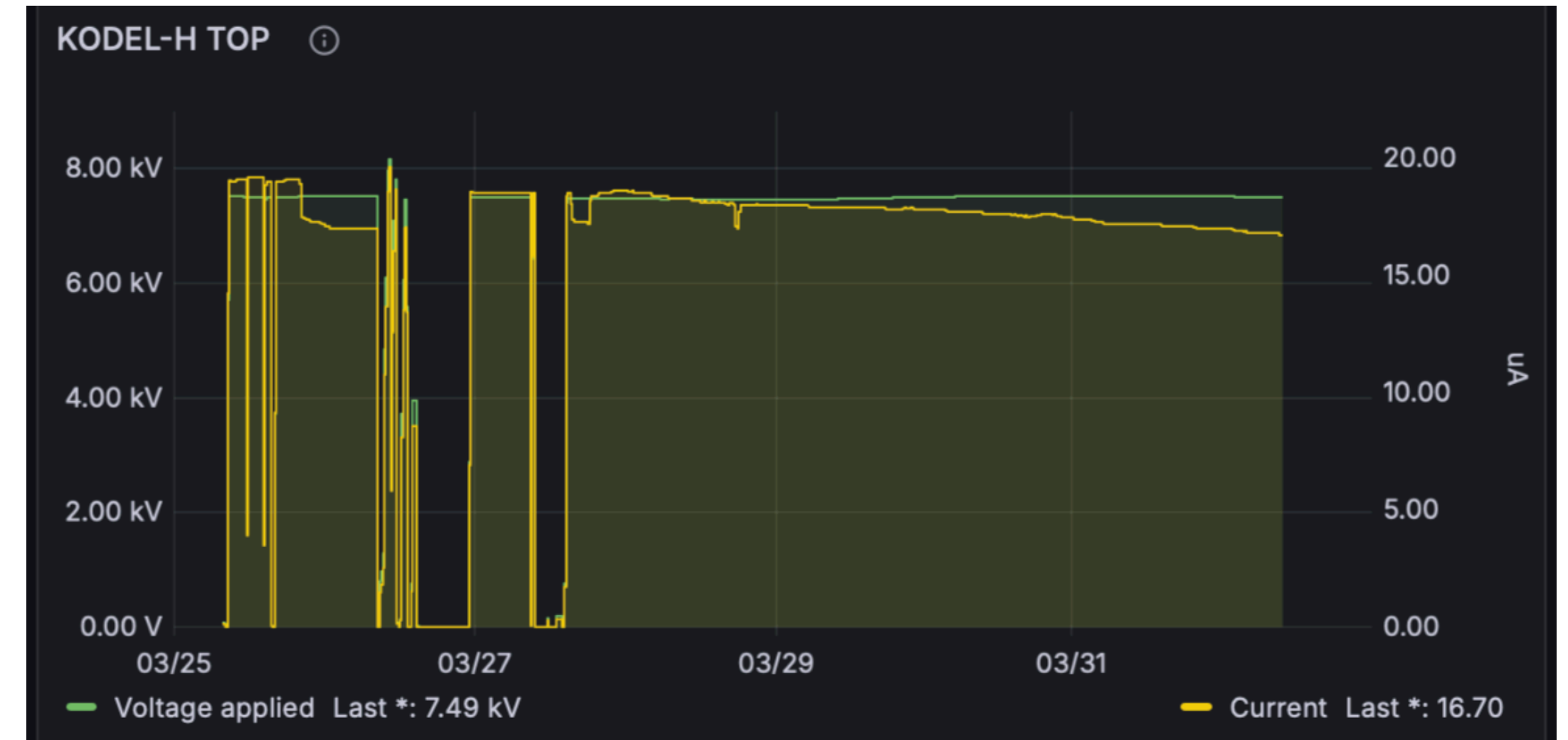
- TN: currents increase (~14%)
- TW: currents increase (~6%)
- BOT: currents increase (~12%)



# Currents Behaviour

## KODEL-H

- TOP: currents decreased (~9%)
- BOT: stable currents



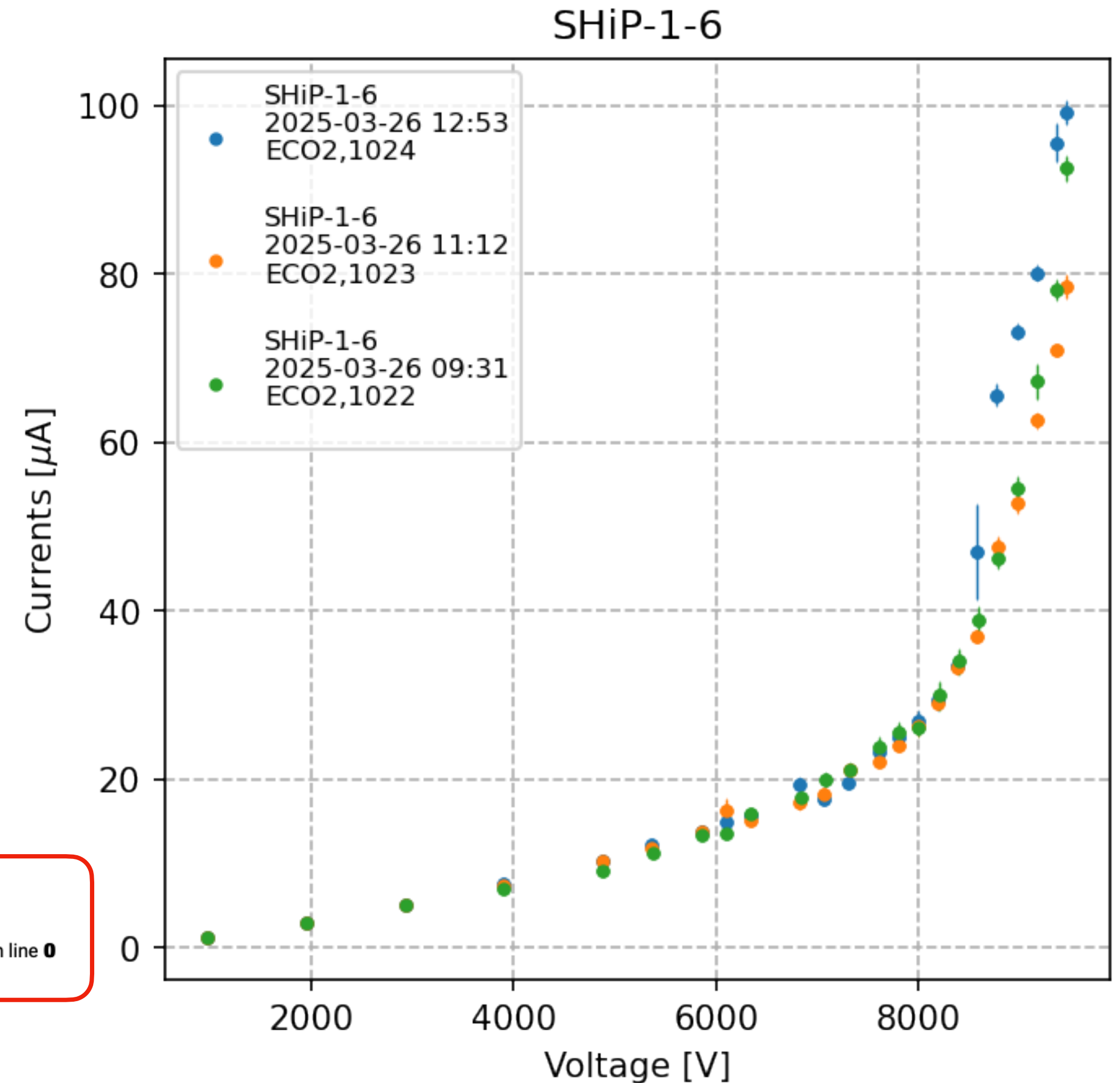
# Shift Report

## Issues

- Logger crashed several times
  - Stable now
- For all detectors except the Ship, all 3 scans performed on the 26.03 are identical
  - For SHiP the last one of the day shows higher currents after 8kV
- The WEBDCS PC ran out of memory
  - > thanks Luca! Will check with Jan for a permanent solution

**Warning:** Unknown: open(/var/lib/php/session/sess\_c1e7u5dd2ssu153frtgrcfc2b0, O\_RDWR) failed: No space left on device (28) in **Unknown** on line 0

**Warning:** Unknown: Failed to write session data (files). Please verify that the current setting of session.save\_path is correct (/var/lib/php/session) in **Unknown** on line 0





# Shift Report

## Status & Notes for next Shifter

- Ongoing stability run: #251
  - Use as template for the next run

Chamber/gap	Enabled	Working voltage (V)	Standby voltage (V)	i0 (uA)	Attenuator standby
ALICE-2-1	<input checked="" type="checkbox"/>	10600	6500	20	1 (111) ▾
EPDT-RPC25	<input checked="" type="checkbox"/>	9000	6500	20	1 (111) ▾
SHiP-1-6	<input checked="" type="checkbox"/>	8800	5000	150	1 (111) ▾
RE1_1_001-BOT	<input checked="" type="checkbox"/>	10600	6500	40	1 (111) ▾
RE1_1_001-TN	<input checked="" type="checkbox"/>	10600	6500	20	1 (111) ▾
RE1_1_001-TW	<input checked="" type="checkbox"/>	10600	6500	20	1 (111) ▾
KODEL-H-BOT	<input checked="" type="checkbox"/>	7700	5000	30	1 (111) ▾
KODEL-H-TOP	<input checked="" type="checkbox"/>	7700	5000	30	1 (111) ▾